

Utah Monthly Communicable Disease Report

March 2016



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases, * compared to an historical 5-year average, March 2016

Disease/Condition	Mar 2016	5-yr Mar avg [†]	2016 YTD [‡]	5-yr YTD avg ^{†,‡}
<i>Acinetobacter</i> species with resistance or intermediate resistance to carbapenems	0	1.6	2	6.0
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.6	1	0.8
foodborne	0	0.0	0	0.0
infant	0	0.6	1	0.8
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.2
Campylobacteriosis	18	31.4	73	80.8
Chickenpox	21	35.8	88	95.6
Chlamydia	801	663.0	2,390	1,958.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	1	4.8	1	14.0
Colorado tick fever	0	0.0	0	0.0
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	1	0.4	2	1.2
Cryptosporidiosis	10	6.2	29	20.0
Cyclosporiasis	1	0.0	1	0.0
Dengue	0	0.2	2	0.2
Ehrlichiosis/Anaplasmosis	0	0.0	0	0.0
Encephalitis	0	0.0	0	0.4
<i>Escherichia coli</i> species with resistance or intermediate resistance to carbapenems	0	0.0	0	0.2
Giardiasis	7	14.8	23	47.0
Gonorrhea	181	59.0	489	193.4
HIV infection	9	8.6	31	28.8
<i>Haemophilus influenzae</i> , all ages, invasive disease	2	2.4	8	9.4
nonserotype B, age < 5 years	1	0.0	1	0.2
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.0	0	0.0
Hansen's disease (Leprosy)	0	0.2	0	0.2
Hantavirus pulmonary syndrome	0	0.4	0	0.4
Hemolytic uremic syndrome, post-diarrheal	0	0.4	0	0.6
Hepatitis A	0	1.0	2	1.4
Hepatitis B, acute	0	0.0	0	2.6
Hepatitis B, chronic	21	22.4	62	67.0
Hepatitis C, acute	1	1.4	3	4.4
Hepatitis C, chronic	120	118.4	307	349.4
Hepatitis, other viral	0	0.2	0	0.2
Influenza-associated hospitalization [§]	459	87.0	968	439.2
Influenza-associated pediatric mortality [§]	0	0.0	0	1.6
<i>Klebsiella</i> species with resistance or intermediate resistance to carbapenems	0	0.4	0	1.0
Legionellosis	0	1.0	1	5.8
Leptospirosis	0	0.0	0	0.2
Listeriosis	0	0.6	1	1.2
Lyme disease	1	0.4	1	1.8

* Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant *Staphylococcus aureus* (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

[†]Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

[‡]YTD indicates counts are year-to-date.

[§]Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

U: Unavailable

Utah Monthly Communicable Disease Report

March 2016



Current counts of selected reportable diseases,* compared to an historical 5-year average, February 2016

Disease/Condition	Feb 2016	5-yr Feb avg [†]	2016 YTD [‡]	5-yr YTD avg ^{†,‡}
Malaria	0	0.0	0	0.6
Measles	0	0.8	0	1.6
Meningitis, aseptic	0	2.4	0	10.2
Meningitis, bacterial, other	0	0.8	0	2.8
Meningitis, viral	0	1.6	1	4.8
Meningococcal disease (<i>Neisseria meningitidis</i>)	0	0.6	1	1.6
Mumps	0	0.0	0	0.4
Pertussis	3	79.2	37	230.0
Plague	0	0.0	0	0.0
Q fever	0	0.4	0	1.4
Rabies, animal	0	0.2	0	0.2
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.0
Rubella	0	0.2	0	0.2
Salmonellosis	35	26.0	85	60.8
Shiga toxin-producing <i>Escherichia coli</i> (STEC) infection	7	3.8	9	8.2
Shigellosis	12	1.6	20	7.6
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	0	1.0
Streptococcal disease, invasive, group A	0	13.0	0	39.6
Streptococcal disease, invasive, group B	0	9.8	2	27.0
Streptococcal disease, invasive, other	6	28.4	20	86.4
<i>Streptococcus pneumoniae</i> , invasive disease	0	21.0	34	69.4
age < 5 years	0	3.4	2	8.4
Syphilis, early (infection < 12 months)	0	4.8	0	17.8
primary & secondary	0	3.6	0	10.4
early latent	0	1.2	0	7.4
Syphilis, latent (infection > 12 months)	0	4.4	3	9.6
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.0	0	5.4
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	2	2.8	5	7.6
Tularemia	0	0.0	0	0.0
Typhoid fever	0	0.0	0	0.2
Vancomycin-intermediate <i>Staphylococcus aureus</i> (VISA)	0	0.0	0	0.2
Vibriosis	0	0.0	1	0.0
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0

*Anthrax, Chancroid, Diptheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant *Staphylococcus aureus* (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

[†]Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

[‡]YTD indicates counts are year-to-date.